FOR MYSORE STATE

Agriculture (1954) Department

Rt SERIES.

G.O. No. 877

Passed
11/6
Signed
JM/MK

Dated 7/6/54

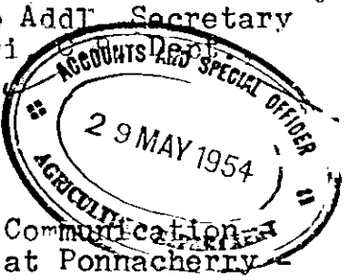
[Despatch Abstract.]

Community Projects - South Kanara area - Block II - Communications - Construction of a bridge at Ponnaache in Pramthaje (Moodabidri) village - Estimate Sanctioned.

Ref.C.No.1459/53-B. Project Executive Office.S.K.,
Mangalore, dated 17-5-1954.

From
Sri.H.Narasimha,
Project Executive Officer,
Mangalore.

To
The Director of Community Projec
& Ex.Officio Addl. Secretary
to Govt. Agri
M A D R A S



Sir,

COMMUNITY PROJECTS - South Kanara - Communication - Block II - Construction of a bridge at Ponnacherry - Estimate - Sanction - Requested.

I submit herewith an estimate in duplicate with site plan etc. for the construction of a bridge at Ponnecherry in Pranthya village (Moodabidri). The particulars required are furnished below:

1. Block: II

2. Name of work: Construction of a bridge across the Ponnecherry stream at Ponnecherry in Pranthya village (Moodabidri).

3. Whether the work ~~(as in the approved list)~~ in the overall programme: Yes. It is item No. 106 in the addendum list dated 14.8.53 addd to

4. Estimated cost: Rs.7900/-

5. People's contribution: The Panchayat Board, Moodabidri has resolved to contribute Rs.2600/.

6. Expenditure to be borne by Community Projects: Rs.5300/-.

7. Remarks:

At present there is only a foot bridge across the stream at Ponnecherry on the Moodabidri Iruvail road. As it cannot be used for vehicular traffic, the villages lying on theother side of the stream, are put to much inconvenience. The blind road now existing bevond the stream is being continued by the Community Project into the villages lying beyond and hence the road bridge now proposed has become a real necessity. The Panchayat Board. Moodabidri could not take up this work for want of sufficient funds. It has, however, approached the Community Project for aid, and has resolved to contribute Rs.2600/- out of the estimated cost of Rs.7900/-. It is proposed to construct a bridge across the stream, dismantling the existing foot bridge. The proposal is to have a bridge with reinforced concrete decking with 2 spans of 12 feet each. An estimate has been prepared at a cost of Rs.7900/-. The provision made in the estimate is explained in the report of the Asst.Engineer. A sum of Rs.2600/- will be contributed by the Panchayat Board, Moodabidri. The balance of Rs.5300/- has to be borne by the Community Project. The work is included in the overall programme and there is financial provision also. The estimate has been technically scrutinised and sanctioned by theDivisional Engineer (Highways). The sanctioning powers of the

P.T.O.

Collector, up to Rs.10,000/- appear to have not been renewed after 31-3-1954. I,am therefore, submitting this estimate to Government for favour of early sanction andorders.

--Yours faithfully,

Project Executive Officer.

Encls: Estimate in duplicate.

JC/21-5-54.

[illegible] accompany the estimate for constructing a bridge across [illegible] in place of an existing wooden foot bridge.

Estimate Rs. ~~7,500/-~~ 7900/-

This estimate provides for the construction of a brid[illegible].C.[illegible] with 2 spans of 12 feet each. Provision is also made for dismantling the existing wooden foot bridge and remove t[illegible]terials fr[illegible] site.

A credit of Rs. 1,000/- is provided for the old [illegible]salvaged materials such as 2 Nos. R.C.Joist 21 feet long and [illegible] 9" x 12" and wooden planks and laterite stone etc., Laterite [illegible] may be used for the revetment purpose on the sides of the approach road to the bridge. The R.C.joists and timber may be utilised for any other foot bridge sanctioned for execution under the Community Project.

The width of the stream at the site is 24 feet. The existing foot bridge is of single span of 24 feet width and this width is found to be quite adequate for the maximum discharge. [illegible] in the stream. Hence a bridge with 2 spans of 12 feet clear width is now proposed with a central pier of 2'-6" wide.

~~[illegible].~~

The soil is examined to be hard gravel below 3 feet and hence the foundations are taken 4 feet below the bed of the stream. Concrete broken stones 1½" size in cement mortar 1:4:8 1'-6" thick provided for the foundation.

The abutments and returns and piers will be of ~~random~~ rubble masonry in cement mortar 1:5 as shown in the plan enclosed.

The hydraulic calculations and design particulars are attached.

Concrete broken stones 3/4" size in cement mortar 1:2:4 bed blocks over the abutments and piers under the R.C. deck slab.

Cut waters for the piers including pier and Parapet walls will be of coursed rubble masonry ~~second~~ 1st sort in cement mortar 1:5.

R.C.slab 1ft-1/2" thick is provided for the roadway of 9 feet width as per the details of slab for 1[illegible].C. eclass loading as per the type design of S.B.(M) No. 73/50. Necessary end walls, posts, kerbs of R.C. are also provided as shown in plan and at the ends parapet walls and pillars of random rubble masonry in cement mortar 1:5 is provided. Concrete 1:2:4 using ¾" size is provided for coping over the parapet walls and the same is provided with plaster in cement mortar 1:3 - ½" thick. Rough stone [illegible] packing is provided for the revetments on the sides of the abutments. [illegible] provided also ends for [illegible] the existing revetment, filling with water, forming the approaches to the bridge and other unforeseen items of work.

The rates for [illegible] will be explained by the Asst.Project Officer, [illegible] separately.

K. N. Gaonkar 7/6/33

ASST.ENGINEER, C.P.,

Encl: 1 estimate in duplicate.
1 plan
1 sketch.

Countersigned.

7/33

Divisional Engineer (H
South Kanara Divisi
Mangalore

24-6-54

DETAILED ESTIMATE.

104—17-11-52. G.P.

District South Kanara — Ta

Village and Survey Mudabidri — Date and cost of original construction

Name and number of work Improvements — Date and cost of last repairs

Approach bridge and Retaining R C duck slab bridge 2 Sp

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
(1) Dismantling, clearing and Laying aside serviceable materials useful for re-use for any kind of masonry — arches in C.M. to be taken to godown —						
Abutments —	1	12'-0"	2'-4 1/2"	9'-6"	27	
Retaining walls —	1	1 [illegible]	[illegible]	1'-6"	15	
Approach walls —	1	10'-0"	2'-10 1/2" / 2	9'-6"	2 85	
Pier —	1	13'-0"	2'-4 1/2" / 2	7'-0"	27	
Retaining walls —	1	5'-3"	2'-4 1/2" / 2	7'-0"	14 0	
Retaining walls —	1	1 [illegible]	[illegible]	1'-6"	15	
Parapet walls —	2	0'-9"	0'-5"	1'-0"	30	
				Total C.F.	1043	
(2) Earthwork in excavation for foundations in all soil except rock including lifting —						
Abutments —	1	15'-0"	11'-6"	10'-6"	2 [illegible]	
Abutment returns —	2	5'-0"	2'-6"	10'-6"	1 [illegible]	
Pier —	1	2'-0"	5'-2"	4'-0"	400	
				Total	1605 C.F.	
Earthwork in excavation for foundations in all soil except rock including lifting —						
Under abutments —	1 x 2	12'-6"	5'-6"	1'-6"	412	
Abutment returns —	1 x 2	[illegible]	6'-6"	1'-6"	213	
Abutment returns —	1 x 2	[illegible]	[illegible]	1'-6"	154	
Pier —	1	2'-0"	[illegible]	1'-6"	[illegible]	
				Total C.F.	2511	
Coursed rubble masonry 2nd sort in C.M. in foundations —						
Abutments 1st footing	1 x 2	17'-0"	6'-0"	1'-6"	306	
— 2 — returns — 2 —	2 x 2	5'-6"	5'-0"	1'-6"	165	
Abutments 2nd footing	1 x 2	17'-0"	5'-3"	2'-6"	357	
— 2 — returns 2nd footing	2 x 2	6'-3"	4'-6"	2'-0"	225	
Abutments 3rd footing	1 x 2	17'-0"	4'-0"	2'-0"	306	
— 2 — returns — 2 —	2 x 2	6'-6"	4'-0"	2'-0"	234	
Abutments 4th footing	1 x 2	17'-0"	4'-0"	2'-0"	272	
					196	

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
					2034	
					764	
					300	
					280 sq ft	
					160	
					74	
					200	
					535 sq ft	
					55	
					866	

DETAILED ESTIMATE. 421,104—17-11-32. C.P. 150 (1).

Taluk

Date and cost of original construction

Date and cost of last repairs

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
[illegible]						
[illegible]						
[illegible]						

Details of work.	Number.	Measurement in feet.			Area or contents.	Total quantity each descriptic of work.
		Length.	Breadth.	Depth.		

Counter signed.

8/33

Divisional Engr
South Kanara Di
Mangalore

accompany the estimate for ~~[illegible]~~

~~[illegible]~~ R.C. [illegible] Bv. 4 ft 2 spans 7

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
		RS. A. P.		RS. A. P.	
	(1) [illegible]				
	[illegible]				
	[illegible]				

Quantity.	Description of work	Rate	Per.	Amount.	Total
				40.3.6	
		Rs. A. P.		Rs. A. P.	
	B F	118 0 0		37 3 6	
	Cement concrete 1:5				37.7.0
	Mason 2 1/2 class	2 12 0		19 4 0	
	Mate / Coolie	1 6 0		6 0 0	
	Woman Coolie	0 13 0		3 4 0	
	Sundries			0 5 6	
	Total			112 12 6	112/12/6
	(11) Rough stone work in			106.8	106.8.0
	Cement concrete 1:5				
110	Cement	12 1 0		17.7	
1	Stone lead 2 1/2	14 1 0		15 7 6	
1	Water	2 0 0		0 2 0	
	Mason	1 8 0		4 8 0	
2	Woman Coolie	0 13 0		1 10 0	
	Sundries			0 0 11	
	Total			43.4	43/4/0
	(12) Concrete work in				
	1/4 angle Cement mortar 1:2				
	for new thread Conveyor			38 10 3	
92 Cft	Brick 9" x 3" x 2"	4 0 0	100	12 15 0	
92	Brick lead 2 miles	10 1 0	100	1 2 8	
46 Cft	Sand	1 8 0	100	0 8 0	
23 Cft	Cement	37 8 0	Cwt	8 0 0	
46 Cft	Sand lead 2 miles	27 12 6	100	12 12 6	
23 Cft	Cement lead 2 miles	59 12 6	100	13 12 0	
	Water	1 8 0	Load	1 8 0	
1	Mason	2 12 0	each	2 12 0	
6	Mate / Coolie	1 6 0	"	6 0 0	
10	Woman Coolie	0 13 0	"	8 2 0	
2	Sundries			0 5 10	
	Total			180.0.0	180/-
	(13) Reinforced Concrete work in				
	C.M. 1:2:4 for slabs, beams,				
	and Curb				
		180.0	100	1 12 0	
1 Cft	Cement 1 2 4 for	125 0 0	100	1 2 8	
5.13.13	Sand local quotation	25 0 0	Load	1 1 8	
1 Cft	Curing for 1 2 4	0 11 3	Cft	0 11 3	
1/2	Bending, tying & fixing steel			0 13 6	4/8/6
	Total			4.8.0	
	(14) plastering with C.M. 1:4 1/2" thick				
5 Cft	Cement	1 3 7	5	6 4 0	
1	Mason	2 12 0	each	2 12 0	
1/2	Man Coolie	1 8 0	"	0 12 0	
1 1/2	Woman Coolie	0 12 0	"	0 13 6	
	Sundries			0 1 0	
	Total			11 4 6	11/4/-

Description of wor .	Rate.	Per.	Amount.	Total.
	RS. A. P.		RS. A. P.	

Lead for Mulamch

Stand 6 M R

stone, Burlam stone — 2 1/2 M R

Cement. 22 M R from Mangalore

Cleaned the lead ready and

stone masonry pointed in

the external and covered by 25

layers of mortar and

in curing —

&c — 6 — as agt Estimate

& — 4 — as agt Estimate

210/00

L. A. Campbell

4/8

AEC

cement concrete 1:2:3 + stone 1 cum

cement (mixed) 1:2 and 35 1/3 n ft

19 13 2

32·8·0

6" dia 1 1/2" metal Coil. 330+330 / 2

3" dia 1/2" metal

42 dia metal bed.

46 dia Sand cost

30 2/3" cement cost

as lead as above

46 dia Sand bed

1 no mason 2nd class

6 nos man mazdoor

1 no 3 woman mazdoor

1 LS Sundries

210·00 / 100 gl

Quantity	Description of wor..	Rate..	Per.	Amount.	Total.
	cement concrete 1:5	RS. A. P.	S.	RS. A. P.	d
	Sand cost	2 5 0	10	2 5 0	
	Hard ass. charges	27 12 6		27 12 6	
cft	cement cost	87 8 0	25	70 0 0	
0	Hard ass. charges	39 12 6	100	11 15 4	
cft	Mixing mixture	6 8 0	100	6 8 0	
	Sundries			0 12	
				117 0 0	100
	Course rubble masonry in cement mortar 1:5				
	First sort 100 cft				
cft	Stone cleaned & fixed	3 4 0	100	4 12 10	
lo	Hard for stone cutting	14 0 0		15 7 0	
cft	cement mortar 1:5	117 0 0	100	32 1 10	
nos	Masonry dwg Stone cutting labour Wide Standard Size & Prof. fr Chisels sharpening Carriage etc	2 1 0	each	29 8 0	
nos	Man masons	1 8 0	each	6 8 0	
nos	Woman mason	0 13 0	"	3 4 0	
LS	Sundries			1 4 10	
				132 0 4	132
	R.C.work for Handrail & Post as per drg.				
	Cement cost	180 0 0	100 cft	1 12 10	
cft	Steel cost	25 0 0	1 cwt	3 9 7	
kg	Bending ends tying grills. complete			2 13 7	
LS	complete			8 0 0	1 cft

counter signed

Divisional Engineer (H)
South Kanara Division
Mangalore.

24.6.54

Description of work.	Item number in the schedule of rates. (3)	Rate. (4)			Per (5)	Total. (6)			Amo (7
		Rs.	A.	P.		Rs.	A.	P.	nt.
						52	0	0	
		110	6	0		880	0	0	
		106	8			2982			
		127	0	0		826	00		
		180	0			288			
		118	0	0	10 cft	94	0	0	
		11	4	0		22	0	0	
		4	8	0		2140	0		
		8	0	0	1 cft	280	0	0	
		42	4	0	10 cft	423	0	0	
						149	0	0	
						4	00		

C.F. 150 (2)—342,000—24-10-51.

District South Kanara

Taluk Kundapur

Village No. Manchadi

Name of Work No. [illegible]

ESTIMATE ABSTRACT.

Budget head

Main head

echnically Sanctioned for
Rupees (7900) Seven Thousand and
nine hundred only.
sun to Signed.

Amount of estimate Rs. 7900/-

Sanction number and date

Divisional Engineer (H)
South Kanara Division
Mangalore.

To be carried out by

Estimate Cost Rs 7900/-
unt of Contribution Rs 2600/-
unt of Sanction Rs 5300/-

ctioned for Rs 5300/-
Five thousand three hundred only.

(C No 71502/54)

Agri (D VII)

G.O. Rt. 877 dated 7/6/54

Abstract:- Cls- S.K. Area- Block II- Communications- Construction of a bridge at Pounecherry in Kaultiya (Moodabidri) village- Estimate- Sanctioned

Read:- From the PRO. Mangalore ref. C No. 1459/53B. dated 17-5-54.

Order:-

Sanction is accorded to an expenditure not exceeding Rs 5300/- (Rupees Five thousand three hundred only) out of an estimate for Rs 7900/- for Constructing a bridge at Pounecherry in Kaultiya (Moodabidri) village. The balance of Rs 2600/- required to complete the work should be met by Contribution from the Panchayat Board of Moodabidri. This Sanction is Counted against relevant provision under Communications in the Approved works programme.

2. The expenditure should be debited to "63B. Community Development Projects- J. Communications- 1. Works."

3. The PRO. Mangalore is requested to get the work executed speedily according to the Estimate and submit a Copy of the Completion report to Govt. in due Course

By regd post.

To
The PRO. Mangalore (W.C.)
The Chief Engr. Madras
The Secy. to A.G. Govt. of India, Public Works, New Delhi.
The Collector, South Kanara
The Inspector of Local Bds & Municipal Cls Madras-1.

Note for

no 71562/54) Sub:- Cls- S. Kanara Area- Block II- Communications- Construction of a bridge at Pournecherry in Paruttiya (Moodabidri) Village- Estimate

Ref:- From the PEO. Mangalore Ref. Cno 1459/53B. dated 17.5.54

Please see the letter from the PEO. Mangalore at ref. He submits an estimate for Rs 7900/- for the Construction of a bridge at Pournecherry in Paruttiya (Moodabidri) Village. The sanction required is for Rs 5300/- & the balance is to be contributed by the Panchayat board of Moodabidri.

The approved overall programme provides for the Construction of 51 bridges at about Rs 12000/- each. These 51 bridges have not been listed in detail, but have been left to the project Advisory Committee to choose. The PEO reports that this is one of the works approved in such a list by the Project Executive Committee. Hence sanction may be accorded.

The estimate has also been technically approved by the D.E.H. (Mangalore).

Subject to orders, a draft order sanctioning Rs 5300/- is put up for approval

The estimate may also be Countersigned

18.5.54 — 18/5 — 21/5/54

Extracts from the Call-Book.

80

1. S. no
2. Date of entry in the register: 11/6/54.
3. Subject. CPS - S.R. area. Pkt II - Comms - Construction of a bridge at Ponnacheruvu in Prumlipalli (Mandaliti) village - Estimate - Sanction
4. Old current no 71502 ~~82057~~ DVI/54
5. No & date of Govt. order etc authorising the entry } G.O. Rt 877 Agri dt 7/6/54. Pp 15 & 16 (K)
6. Date when further action is to be taken } 15/4/55.
7. New no & date of new current 2911

Pub (RDP VI) Deptt.

(Page 1 above)

It has since been ordered that the PEOs may discontinue the submission of detailed completion reports in respect of cases sanctioned by the D.C.D. in Govt. Memo. No. 2386 Pub (RDP VI)/54-1, dt 11/10/54. Not published

It does not therefore seem necessary to call for the report mentioned in para 8 of the G.O. cited 15th f/ (K). Hence be lodged [illegible] G.O. Rt No. 877, dtd 7/6/54. (K)

4/55

25/4/55